IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Metaxas, et al.

Serial No.: 10/736,455

Filing Date: 12/15/2003

Title: Method and Apparatus for Automatically Detecting Breast Lesions and

Tumors in Images

Examiner: Shikhman, M.

Art Unit: 2609

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE

Sir:

This is a Response to the outstanding Office Action dated December 13, 2007 on the above-identified invention. The time period for response is extendible to and including April 13, 2008.

Amendments to the Claims begin on Page 2 of this Response.

Remarks begin on Page 14 of this Response.